SECTION	I: GENERAL INFORMA		CR-ERNS	Number:	826310 7 1 1 3 8 7
Date of I	nitial Release:	Ongoing	Date of Initi	al Call to N	RC: 02-12-2007
Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Initial Notification Follow-up Report Follow-up Report First Anniversary Initial Notification of a Change to Follow-up Report					
quantity and r accurate and c	Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. James Dodson, Plant Manager Name and Position Felomany 6, 2008 Pate Signature				
Name of Fac	Part A. Facility or Vessel Information Name of Facility or Vessel			wer Station	
Person in Charge	Name of Person in	Charge	Jam	es Dodson	
of Facility	Position Plant Manager				
or Vessel	Telephone No. (818	5) 339-9212	Alternate Te	lephone No. (⁸	315) 339-9218
Facility Address or	Street	Rural Route #1, Power Plant Re Approx. 3 miles NE of Hennepis	oad; n, IL	ounty	Putnam
Vessel Port of Registration	City	Hennepin	S	tate IL	Zip Code 61327-9737
	dstreet Number	for Facility	A Company of the Comp	804405074	<u></u>
Facility/Vess Location	T T	Deg 41 Min	18 Sec 13 18 Sec 90	_ Vessel	LORAN Coordinates
Part B. Population Information					
Population Density	(Indicate by placing 0 - 50	at describes the popula an "X" in the appropri persons 100 persons		ns	s of your facility or vessel _ more than 1000 persons
Hamminations I		re Populations or Eco	•	Distance and	direction from facility
and Ecosystems Within One Mile Radius	Donnelly State F	oitals, wetlands, wildl ish and Wildlife Are te Fish & Wildlife A) a	3	rest from facility. orth from facility.

Paramatan da 1945

SECTION II: SOURCE INFORMATION

CR-ERNS Number:

826310

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

Name of Source:	Hennepin Power St	tation		
1. Indicate whether the release from	m this source is either:			
continuous without interruption	X OR routine, anticipate	ed, intermittent		
2. Identify the activity(ies) that results in the release from this source (e.g., batch process, filling of a storage tank). If malfunction, describe the malfunction and explain why the release from the malfunction should be considered continuous and stable in quantity and rate.*				
Hennepin generates electricity	by the combustion of sub-bituminou	s coal in Units 1 and 2.		
3. Identify below how you establ	ished the pattern of release and calculated rel	ease estimates.		
Past release data	Knowledge of the facility/vessel's operations and release history	Engineering estimate		
<u>★</u> AP-42	Best professional judgment	Other (explain)		
		·		
		100 100 100 100 100 100 100 100 100 100		

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

826310

Name of Source:	Hennepin Power Station - Units 1-2			
Part B: Specific Information on	the Source			
For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.				
AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.				
AIR × (stack × or area source is a stack or a ground-based are) If the medium affected is air, please also specify whether the ea source.			
If identified source is a stack, inc	dicate stack height: 277 ft. feet or meters; OR			
1	urce (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive square feet or square meters.			
O CUBEL CE WATER (change	1.1			
SURFACE WATER (stream	, lake, or other)			
If the release affects any surface	e water body, give the name of the water body.			
stream order: or average	ive the stream order or average flow rate, in cubic feet per second. flow rate: cubic feet/second; OR the surface area of the lake in acres and the average depth in meters.			
1	s and average depth of lake: meters.			
SOIL OR GROUND WATER				
If the release is on or under ground, indicate	ate the distance to the closest water well.			
	Optional Information			
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.				
For a stack release to air, provide to information, if available: Inside diameter 14.5 ft. feet or no feet/second	following information, if available: meters Average Velocity feet/second ond or of Surface Water			

Kelvin, or Celsius

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

826310

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Hennepin Power Station - Units 1-2

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Total Quantity Number of Days Release Occurs (in lbs. or kg per day)* Normal Range

Released in Previous Year Months of the

(in lbs. or kg)* 4859 lbs. 348 days (per year) Lower Bound Upper Bound Name of Hazardous Substance CASRN #
Barium Add 7440-39-3

Jan. thru Dec.

D WAY GOVERSON TO SPORT BASK

The Boar Bryan

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Components

Name of

(in 1bs. or kg per day)* Days Release Mixture Released Upper Lower Occurs in Previous Verman Bound Bound (in lbs. or kg per day)*
Upper Lower
Bound Bound Percentage CASRN# Substance Components Hazardous Name of Mixture

Not Applicable

Release

Months ofthe

* Please be sure to include units where appropriate. Also, if the release is a radiomuclide, units of curies (CI) are appropriate.

SECTION III: SUBSTANCE INFORMATION

CR-ERNS Number:

826310

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Barium CAS # 7440-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Hennepin Power Station - Unit 1-2

Barrier (

17 lbs

TOTAL - SSI trigger for this hazardous substance release* :

17 lbs

* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION I: GENERAL INFORMATION			CR-ERNS Number: 826310		
Date of I	nitial Release:	Ongoing	Date of Initial Call to NRC: 02-12-2007		
Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Report Initial Notification Follow-up Report First Anniversary Written Notification of a Change to Follow-up Report					
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. James Dodson, Plant Manager					
	3/8/2007 Date	A-1	Name and Hostrion James Hoston Signature		
Part A. Fac	ility or Vessel I	nformation			
Name of Fac	ility or Vessel		Hennepin Power Station		
Person in Charge of Facility or Vessel	Name of Person in Position Telephone No. (81	Ü	James Dodson Plant Manager Alternate Telephone No. (815) 339-9218		
Facility Address or Vessel Port of	Street City	Rural Route #1, Power Plant R Approx. 3 miles NE of Hennepi Hennepin	Road; County Dutage		
Registration	dstreet Number		804405074		
Facility/Vess Location	Longitude	Deg 41 Min Deg 89 Min	18 Sec 13 18 Sec 90 Vessel LORAN Coordinates		
Part B. Pop	Part B. Population Information				
Population Density	(Indicate by placin	g an "X" in the appropri 0 persons 100 persons	ation density within a one-mile radius of your facility or vessel iate blank below). 101 - 500 persons more than 1000 persons 501 - 1000 persons		
Sensitive Populations		ve Populations or Eco			
and Ecosystems Within One Mile Radius		Fish and Wildlife Are ate Fish & Wildlife A			

SECTION II: SOURCE INFORMATION

CR-ERNS Number:

826310

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

Name of Source: Vall	Hennepin Power St	ation
. Indicate whether the release from	m this source is either:	
continuous without interruption	X OR routine, anticipate	ed, intermittent
• • • • • • • • • • • • • • • • • • • •	sults in the release from this source (e.g., bat function and explain why the release from the y and rate.*	
-	by the combustion of sub-bituminou	s coal in Units 1 and 2.
3. Identify below how you establ	ished the pattern of release and calculated re	lease estimates.
	ished the pattern of release and calculated re Knowledge of the facility/vessel's operations and release history	lease estimates Engineering estimate
	Knowledge of the facility/vessel's	
X Past release data	Knowledge of the facility/vessel's operations and release history	Engineering estimate
Y Past release data	Knowledge of the facility/vessel's operations and release history	Engineering estimate

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

826310

Name of Source:	Hennepi	n Power Station - Units 1-2
Part B: Specific Information	on the Source	
For the source identified above, sheet for EACH source. Photo	•	wing information. Please provide a SEPARATE necessary.
affected by the release from this source	e. If your source release vater), treat the release	m (i.e., air, surface water, soil, or ground water) that is sees hazardous substances to more than one medium (e.g., a to EACH medium as a separate source and complete um affected.
AIR (stack x or a ground-base		m affected is air, please also specify whether the
. If identified source is a stack	k, indicate stack heigh	t; 277 ft. feet or meters; OR
If identified source is an are emissions), indicate surface	-	oile, landfill, valves, tank vents, pump seals, fugitive eet or square meters.
SURFACE WATER (stre	am, lake	, or other)
If the release affects any sur	rface water body, give	e the name of the water body.
stream order: or ave	erage flow rate:	of the lake in acres and the average depth in meters.
SOIL OR GROUND WATER If the release is on or under ground,	indicate the distance t	o the closest water well.
	Optional Inf	Cormation
evaluating the risks associated w make conservative assumption	vith the continuous rel	rule; however, such information will assist EPA in lease. If this information is not provided, EPA will iate values. Please note that the units specified below er, be certain that the units are clearly identified.
Gas Exit Velocity fee	et or meters et/second or eters/second	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water

Kelvin, or Celsius

SOURCE INFORMATION (continued) SECTION II:

CR-ERNS Number:

826310

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Hennepin Power Station - Units 1-2

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

(in lbs. or kg per day)* Normal Range

Number of Days Release Occurs (per year) Lower Bound

Months of the Released in Previous Year Total Quantity (in lbs. or kg)*

Jan. thru Dec.

Release

Name of Hazardous Substance

Upper Bound

0

349 days

Barinm

7440-39-3 CASRN#

4986 lbs.

A K

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

CASRN# Hazardous Substance Name of

Components

Name of Mixture

(in lbs. or kg per day)* Lower Bound Components Upper Bound Percentage Weight

(in lbs. or kg per day)* Lower Upper Lower
Bound Bound Mixture

Normal Range of

Normal Range of

Number of Total Quantity of Days Release Mixture Released in Previous Year (in lbs. or kg) (per year) Occurs

Release

Months of the

Not Applicable

* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION III: SUBSTANCE INFORMATION

CR-ERNS Number:

826310

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

١	Jame	of Haz	ardous	Subst	ance.
	14111				A

Barium CAS # 7440-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Hennepin Power Station - Unit 1-2

18 lbs

TOTAL - SSI trigger for this hazardous substance release* : ____

18 lbs

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION	I: GENERAL INFORMATIO	ON	CR-ERNS N	Vumber: 711387	
Date of In	itial Release:	Ongoing	Date of Initia	al Call to NRC: 01-23-2004	
Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Report Initial Notification Follow-up Report First Anniversary Written Notification of a Change to Follow-up Report Follow-up Report					
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. James Dodson, Plant Manager					
	2/28/2006 Date		James)	ne and Position Signature	
Part A. Faci		rmation	V	U	
	Part A. Facility or Vessel Information Name of Facility or Vessel Hennepin Power Station				
Person in Charge of Facility or Vessel	Name of Person in Cha Position Telephone No. (815)	arge 339-9212	Plant Manage	es Dodson r lephone No. (815) 339-9218	
Facility Address or Vessel Port of Registration	Street	Rural Route #1, Power Plant Roz Approx. 3 miles NE of Hennepin, Hennepin	id; C	County Putnam tate IL Zip Code 61327-9737	
J	dstreet Number for	Facility		804405074	
Location	Facility/Vessel Latitude Deg 41 Min 18 Sec 13 Vessel LORAN Coordinates				
Part B. Population Information					
Population Density	(Indicate by placing an 0 - 50 pe 51 - 100	"X" in the appropria	te blank below).		
Sensitive Populations	Sensitive F (e.g., schools, hospita	opulations or Ecos ls, wetlands, wildl	•	Distance and direction from facility	
and Ecosystems Within One Mile Radius	Donnelly State Fish Lake DePue State			0.9 miles west from facility. 0.7 miles north from facility.	

SECTION II:	SOURCE
	INFORMATION

CR-ERNS Number:

711387

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

Name of Source:	Hennepin Power Station
1. Indicate whether the release fi	om this source is either:
continuous without interruption	n X OR routine, anticipated, intermittent
	results in the release from this source (e.g., batch process, filling of a storage tank). alfunction and explain why the release from the malfunction should be considered tity and rate.*
Hennepin generates electrici	ty by the combustion of sub-bituminous coal in Units 1 and 2.
THE RESIDENCE OF THE PROPERTY	
3. Identify below how you esta	blished the pattern of release and calculated release estimates.
Past release data	Knowledge of the facility/vessel's Engineering estimate operations and release history
X AP-42	Best professional judgment Other (explain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

711387

R. Specific Information				
Part B: Specific Information on the Source				
	provide the following information. Please provide a SEPARATE copy this page if necessary.			
d by the release from this source sile releasing to air and ground w	environmental medium (i.e., air, surface water, soil, or ground water) that is If your source releases hazardous substances to more than one medium (e.g., a ater), treat the release to EACH medium as a separate source and complete must for EACH medium affected.			
) If the medium affected is air, please also specify whether the larea source.			
If identified source is a stacl	, indicate stack height: 277 ft. feet or meters; OR			
If identified source is an are	source (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive area: square feet or square meters.			
URFACE WATER (stre	m, lake, or other)			
If the release affects any sur	face water body, give the name of the water body.			
If the release affects a stream, give the stream order or average flow rate, in cubic feet per second. stream order: or average flow rate: cubic feet/second; OR				
If the release affects a lake,	give the surface area of the lake in acres and the average depth in meters.			
surface area of lake:	cres and average depth of lake: meters.			
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
	Optional Information			
evaluating the risks associated wmake conservative assumption	required in the final rule; however, such information will assist EPA in ith the continuous release. If this information is not provided, EPA will about the appropriate values. Please note that the units specified below see other units; however, be certain that the units are clearly identified.			
information, if available: Inside diameter 14.5 ft. fee Gas Exit Velocity fee	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water ers/second			
	The release affects a stream stream order: or average affects a lake, gurface area of lake: a DIL OR GROUND WATER e release is on or under ground, i The following information is not evaluating the risks associated we make conservative assumption are suggested units. You may us For a stack release to air, provinformation, if available: Inside diameter 14.5 ft. feet Gas Exit Velocity feet			

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

711387

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Hennepin Power Station - Units 1-2

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Released in Previous Year Total Quantity Number of Days Release Occurs (in lbs. or kg per day)* Normal Range

Months of the

Jan. thru Dec. (in lbs. or kg)* 78029 lbs. (per year) 364 days Lower Bound Upper Bound 276 lbs. CASRN# 7664-39-3 Name of Hazardous Substance Hydrogen Fluoride List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Number of Total Quantity of Days Release Mixture Released Occurs in Previous Year (in lbs. or kg per day)* Normal Range of Lower Upper Lower Bound Bound (in lbs. or kg per day)* Normal Range of Lower Bound Components Upper Bound Weight Substance Components Hazardous Name of

Percentage

CASRN#

Release

(in lbs. or kg)

(per year)

Months ofthe

Total Quantity of

Not Applicable

Name of Mixture

* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION III: SUBSTANCE INFORMATION

CR-ERNS Number:

711387

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Hydrogen Fluoride CAS #7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Hennepin Power Station - Unit 1-2

276 lbs

TOTAL - SSI trigger for this hazardous substance release* : _____

276 lbs

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION	: GENERAL INFORMA	FION		CR-ERNS Number: 711387
Date of In	itial Release:	Ongoing		Date of Initial Call to NRC: 01-23-2004
Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Report Notification Initial Notification Follow-up Report Follow-up Report				
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. Keith A. McFarland, Vice President Name and Position 2/23/2005				
	Date			Signature
Part A. Faci	lity or Vessel Ir	<u>nformation</u>		
Name of Fac	Name of Facility or Vessel Hennepin Power Station			
Person in Charge of Facility or Vessel	Name of Person in Position Telephone No. (815)	D Socranical & Socranical		James Dodson Plant Manager Alternate Telephone No. (815) 339-9218
Facility Address or Vessel Port of Registration	Street City	Rural Route #1, Power Plar Approx. 3 miles NE of Henr Hennepin		
U	dstreet Number	for Facility		804405074
	Facility/Vessel Latitude Deg 41 Min 18 Sec 13 Vessel LORAN Coordinate			
Part B. Population Information				
Population Density	Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below). 0 - 50 persons 101 - 500 persons more than 1000 persons 51 - 100 persons 501 - 1000 persons			
Sensitive Populations and	(e.g., schools, hos	ve Populations or E pitals, wetlands, wi	ldlif	fe preserves, etc.)
Ecosystems Within One Mile Radius	The state of the	Fish and Wildlife / ate Fish & Wildlife		TO THE PROPERTY OF THE PROPERT

, 1

SECTION II: SOURCE INFORMATION

CR-ERNS Number:

711387

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

Name of Source:	Hennepin Power Station
Indicate whether the release from continuous without interruption	om this source is either: X OR routine, anticipated, intermittent
If malfunction, describe the m continuous and stable in quant	esults in the release from this source (e.g., batch process, filling of a storage tank). Ifunction and explain why the release from the malfunction should be considered ty and rate.* y by the combustion of sub-bituminous coal in Units 1 and 2.
	lished the pattern of release and calculated release estimates.
Past release data	Knowledge of the facility/vessel's Engineering estimate operations and release history
X AP-42	Best professional judgment Other (explain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

711387

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Hennepin Power Station - Units 1-2

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Released in Previous Year Total Quantity Number of Days Release Occurs (in lbs. or kg per day)* Normal Range

Months of the (in lbs. or kg)* (per year) Lower Bound Upper Bound CASRN# Name of Hazardous Substance

Jan. thru Dec.

51131 lbs.

351 days

209 lbs.

7664-39-3

Hydrogen Fluoride

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

(in lbs. or kg per day)* Normal Range of Mixture (in lbs. or kg per day)* Normal Range of Components Hazardous Name of

Upper Lower
Bound Bound Lower Bound Upper Bound Percentage CASRN# Substance Components

> Name of Mixture Not Applicable

Release

Months of the

Number of Total Quantity of Days Release Mixture Released

in Previous Year (in lbs. or kg)

> (per year) Occurs

Total Quantity of

* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION III: SUBSTANCE INFORMATION

CR-ERNS Number:

711387

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

N	lame	of	Hazar	dous	Substance	

Hydrogen Fluoride CAS # 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Hennepin Power Station - Unit 1-2

209 lbs

FOTAL - SSI trigger for this hazardous substance release*	:	209 lbs

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION	I: GENERAL INFORMATION	CR-ERNS Number: 711387				
Date of In	itial Release: Ongoing	Date of Initial Call to NRC: 01-23-2004				
	Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification Written Notification					
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. Richard W. Eimer, Jr., Sr. Vice President						
	11/6/2002 Date	Name and Position Rule Signature				
Part A. Faci	lity or Vessel Information					
Name of Facility or Vessel Hennepin Power Station						
Person in Charge of Facility or Vessel	Name of Person in Charge Position Telephone No. (815) 339-9212	James Dodson Plant Manager Alternate Telephone No. (815) 339-9218				
Facility Address or	Street R.R.#1, Box	200AA County Putnam				
Vessel Port of Registration	City Hennepir	State IL Zip Code 61327-9737				
Dun and Bra	dstreet Number for Facility	804405074				
Facility/Vess Location	5	Min 18 Sec 13 Vessel LORAN Coordinates Min 18 Sec 90				
Part B. Population Information						
Population Density	Choose the range that describes the p (Indicate by placing an "X" in the app 0 - 50 persons 51 - 100 persons	opulation density within a one-mile radius of your facility or vessel propriate blank below). 101 - 500 persons more than 1000 persons 501 - 1000 persons				
Sensitive Populations and Ecosystems Within One Mile Radius	Sensitive Populations of (e.g., schools, hospitals, wetlands,					

SECTION	I: GENERAL INFORMA	TION	CR-ERNS Number: 711387			
Date of I	nitial Release:	Ongoing	Date of Initial Call to NRC: 01-23-2004			
	Type of Report: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Report Report First Anniversary Written Notification of a Change to Follow-up Report					
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge. Richard W. Eimor, Jr., Sr. Vice President						
ASCO.	2/6/2004 Daie		Name and Position Signature			
Part A. Fac	ilit <u>y or Vessel Ir</u>	<u>iformation</u>				
Name of Fac	ility or Vessel	and the second	Hennepin Power Station			
Person in Charge of Facility or Vessel	Name of Person in Position Telephone No. (815	-	James Dodson Plant Manager Alternate Telephone No. (815) 339-9218			
Facility Address or Vessel Port of Registration	Street City	Rurai Route #1, Mower Miset K Approx. 3 milles NE of Hennepi Hennepin				
-	dstreet Number	for Facility	804405074			
Facility/Vess Location		Deg 41 Min _ Deg 89 Min	16 Sec 13 Vessel LORAN Coordinates 18 Sec 90			
Part B. Population Information						
Population Density	(indicate by placing	an "X" in the appropri	tion density within a one-mile radius of your facility or vessel into blank below). 101 - 500 persons more than 1000 persons 501 - 1000 persons			
Sensitive Populations and	Sensitiv (e.g., schools, hosp	e Populations or Eco itals, wetlands, wildl	psystems Distance and direction from facility			
Ecosystems Within One Mile Radius	Donnelly State Fi Lake DePue Stat	ish and Wildlife Are e Fish & Wildlife A	ea 0.9 miles west from facility. urea 0.7 miles north from facility.			

SECTION II: SOURCE INFORMATION

CR-ERNS Number:

711387

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

Name of Source:	Hennepin Power Station Cach	
1. Indicate whether the release fr	om this source is either:	
continuous without interruption	X OR routine, anticipated, intermittent	'
If malfunction, describe the maccontinuous and stable in quant	esults in the release from this source (e.g., batch process, filling of a storage tar alfunction and explain why the release from the malfunction should be consider ity and rate.* y by the combustion of sub-bituminous coal in Units 1 and 2.	nk). red
		ļ
		·····
3. Identify below how you esta	olished the pattern of release and calculated release estimates.	
🗶 Past release data	Knowledge of the facility/vessel's Engineering estimate operations and release history	e
X AP-42	Best professional judgment Other (explain)	

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

711387

Name of Source:	Hennepi	n Power Station - Units 1-2		
For the source identified above, _I	art B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE heet for EACH source. Photocopy this page if necessary.			
affected by the release from this source.	If your source releaster), treat the release	m (i.e., air, surface water, soil, or ground water) that is sees hazardous substances to more than one medium (e.g., a to EACH medium as a separate source and complete um affected.		
source is a stack or a ground-based If identified source is a stack, If identified source is an area	area source. indicate stack heigh source (e.g., waste p	oile, landfill, valves, tank vents, pump seals, fugitive		
	m, lake	, or other)		
If the release affects any surface water body, give the name of the water body. If the release affects a stream, give the stream order or average flow rate, in cubic feet per second. stream order: or average flow rate: cubic feet/second; OR If the release affects a lake, give the surface area of the lake in acres and the average depth in meters. surface area of lake: acres and average depth of lake: meters.				
SOIL OR GROUND WATER If the release is on or under ground, in		o the closest water well.		
	Optional Inf	Formation		
evaluating the risks associated wi make conservative assumptions	th the continuous rel about the appropri	rule; however, such information will assist EPA in ease. If this information is not provided, EPA will iate values. Please note that the units specified below er, be certain that the units are clearly identified.		
mete Gas Temperature 326 F degr	or meters second or ers/second	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water		

711387

SECTION II: SOURCE INFORMATION

(continued)

CR-ERNS Number:

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Hennepin Power Station - Units 1-2

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Months of the Released in Previous Year Total Quantity (in lbs. or kg)* Number of Days Release Occurs (per year) Lower Bound (in lbs. or kg per day)* Normal Range Upper Bound CASRN#

Jan. thru Dec. 58,353 lbs. 360 days 206 lbs. 7664-39-3 Name of Hazardous Substance Hydrogen Fluoride List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

(in lbs. or kg per day)*
Upper Lower
Bound Bound Normal Range of Mixture (in lbs. or kg per day)* Normal Range of Components Weight Hazardous Name of

Lower Bound Upper Bound Percentage CASRN# Substance Components

Number of 10tal Quantity of Days Release Mixture Released in Previous Year (in lbs. or kg) (per year) Occurs

Release

Months ofthe

Total Quantity of

Not Applicable

Name of Mixture

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION III: SUBSTANCE INFORMATION

CR-ERNS Number:

711387

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Hydrogen Fluoride CAS # 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci) 206 lbs

Hennepin Power Station - Unit 1-2

TOTAL - SSI trigger for this hazardous substance release* : _____

206 lbs

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

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Dynegy Midwest Generation, Inc. Continuous Release Reporting February 2008

Baldwin Energy Complex CR-ERNS Number - 625807 Units 1, 2, and 3 – individual stacks

Chemicals Reported	Change in Upper Bounds	
Hydrogen Fluoride	No Change	
Mercury	No Change	
Arsenic	No Change	

Baldwin Energy Complex CR-ERNS Number – 625807 Units 1 and 2 (Unit 3 has no SCR - no ammonia released)

Chemicals Reported	Change in Upper Bounds	
Ammonia	Initially reported in 2007 and updated in	
	2008	

Havana Power Station CR-ERNS Number – 625810 Unit 6

Chemicals Reported	Change in Upper Bounds	
Hydrogen Fluoride	No Change	
Ammonia	Initially reported in 2007 and updated in 2008	

Hennepin Power Station CR-ERNS Number - 711387 Units 1 and 2 – One Common Stack

Chemicals Reported	Change in Upper Bounds
Hydrogen Fluoride	No Change

Vermilion Power Station CR-ERNS Number – 625811 Units 1 and 2 – One Common Stack

Chemicals Reported	Change in Upper Bounds
Hydrochloric Acid (aerosol)	No Change
Hydrogen Fluoride	No Change

Wood River Power Station CR-ERNS Number – 625812 Units 4 and 5 – Separate Stacks

Chemicals Reported	Change in Upper Bounds
Hydrogen Fluoride	No Change